

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-091703  
(43)Date of publication of application : 25.03.2004

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(51)Int.CI. C09J183/04  
C08L 3/00  
C08L 83/05  
C08L 83/07  
C09J 7/02  
C09J 9/02  
C09J 11/04  
C09J183/05  
C09J183/07

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(21)Application number : 2002-256801 (71)Applicant : SHIN ETSU CHEM CO LTD  
(22)Date of filing : 02.09.2002 (72)Inventor : AOKI SHUNJI  
OGAWA MASAHIKO

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## (54) CONDUCTIVE SILICONE SELF-ADHESIVE COMPOSITION AND SELF-ADHESIVE TAPE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a conductive silicone self-adhesive composition having no problems on metal corrosion, exhibiting excellent heat resistance at a high temperature and suitable for adhesion of an conductive contact member, an electromagnetic wave-shielding material, destaticization for preventing charge build-up and the like.

**SOLUTION:** The conductive, addition reaction-curable silicone self-adhesive composition comprises (A) a polydiorganosiloxane bearing at least two alkenyl groups in one molecule, (B) a polyorganosiloxane having an R<sub>1</sub>SiO<sub>0.5</sub> unit (wherein R<sub>1</sub> is a monovalent hydrocarbon group having no 1-10C aliphatic unsaturated bond) and an SiO<sub>2</sub> unit with an R<sub>1</sub>SiO<sub>0.5</sub> unit/ SiO<sub>2</sub> unit molar ratio of 0.6-1.7, (C) a polyorganosiloxane bearing an SiH group, (D) a controlling agent, (E) a platinum catalyst, (F) a conductive fine particle, and other components.

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### LEGAL STATUS

[Date of request for examination] 26.10.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of  
rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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